LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032017\
Data File : BG026343.D
Acq On : 21 Mar 2017 1:39
Operator : SJ/MA
Sample : I2277-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S39-9003

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032017.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.144	344	350	358	rBV	282380	419631	5.65%	0.796%
2	5.620	424	431	442	rBV	1882196	3019292	40.65%	5.727%
3	7.206	693	701	720	rBV	1728102	3220452	43.36%	6.109%
4	7.582	753	765	775	rBV	1888091	3290679	44.31%	6.242%
5	7.670	775	780	788	rVB	69868	114386	1.54%	0.217%
6	7.964	822	830	835	rBV6	46325	138382	1.86%	0.262%
7	8.046	835	844	850	rVB2	407942	868589	11.69%	1.648%
8	8.123	850	857	862	rVB3	72441	150105	2.02%	0.285%
9	8.234	871	876	880	rBV2	105821	156413	2.11%	0.297%
10	8.305	880	888	890	rBV2	58896	118496	1.60%	0.225%
11	8.369	890	899	912	rVB	1462097	2746773	36.98%	5.210%
12	8.487	912	919	925	rBV5	56621	131910	1.78%	0.250%
13	8.575	926	934	939	rBV	211844	424247	5.71%	0.805%
14	8.634	940	944	950	rVB	205310	331331	4.46%	0.628%
15	8.704	950	956	967	rBV	290407	539343	7.26%	1.023%
16	8.810	968	974	982	rBV	285388	484747	6.53%	0.920%
17	8.886	982	987	993	rBV4	113837	225915	3.04%	0.429%
18	9.039	1004	1013	1022	rBV8	37503	136673	1.84%	0.259%
19	9.157	1022	1033	1036	rBV3	207653	488233	6.57%	0.926%
20	9.204	1036	1041	1046	rVV	1070809	1861015	25.06%	3.530%
21	9.274	1046	1053	1058	rVV	1481759	2360943	31.79%	4.478%
22	9.315	1058	1060	1064	rVB4	81006	95003	1.28%	0.180%
23	9.368	1064	1069	1072	rBV2	135689	259999	3.50%	0.493%
24	9.409	1072	1076	1081	rVB6	125787	227627	3.06%	0.432%
25	9.527	1089	1096	1103	rVB5	164770	419779	5.65%	0.796%
26	9.627	1104	1113	1118	rVV6	103464	270069	3.64%	0.512%
27	9.691	1118	1124	1127	rVV2	160826	288487	3.88%	0.547%
28	9.721	1127	1129	1135	rVV3	105086	230940	3.11%	0.438%
29	9.774	1135	1138	1142	rVV3	128132	201341	2.71%	0.382%
30	9.809	1142	1144	1150	rVB2	77544	107351	1.45%	0.204%
31	9.932	1157	1165	1168	rBV4	123263	263758	3.55%	0.500%
32	9.973	1168	1172	1177	rVV2	171263	295118	3.97%	0.560%
33	10.032	1177	1182	1189	rVV7	138812	305473	4.11%	0.579%
34	10.120	1189	1197	1202	rVV2	199552	491648	6.62%	0.933%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032017\
Data File : BG026343.D
Acq On : 21 Mar 2017 1:39
Operator : SJ/MA
Sample : I2277-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S39-9003

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032017.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.191	1202	1209	1215	rVB2	189624	322743	4.35%	0.612%
36	10.267	1215	1222	1233	rVB	246678	470575	6.34%	0.893%
37	10.373	1233	1240	1245	rBV	180068	283332	3.81%	0.537%
38	10.737	1294	1302	1306	rBV6	42804	99018	1.33%	0.188%
39	10.813	1309	1315	1318	rVV	554714	951581	12.81%	1.805%
40	10.849	1318	1321	1331	rVB	551131	882760	11.89%	1.674%
41	11.002	1337	1347	1354	rVB2	94813	212093	2.86%	0.402%
42	13.281	1728	1735	1747	rBV	3082156	4829401	65.02%	9.161%
43	14.098	1867	1874	1886	rBV	160224	264810	3.57%	0.502%
44	14.656	1958	1969	1978	rBV2	833702	1409579	18.98%	2.674%
45	16.131	2212	2220	2229	rBV	2345832	3586352	48.29%	6.803%
46	16.342	2252	2256	2259	rBV2	56200	78728	1.06%	0.149%
47	17.382	2427	2433	2440	rBV2	1145217	1744217	23.48%	3.309%
48	18.258	2578	2582	2591	rBV2	177178	286614	3.86%	0.544%
49	19.527	2794	2798	2803	rBV2	65073	95173	1.28%	0.181%
50	19.985	2870	2876	2886	rBV	5312892	7427282	100.00%	14.089%
51	21.266	3090	3094	3106	rBV2	180035	365344	4.92%	0.693%
52	21.630	3149	3156	3163	rBV	1495903	2366304	31.86%	4.489%
53	24.815	3687	3698	3712	rVB2	851757	2358245	31.75%	4.473%

Sum of corrected areas: 52718299

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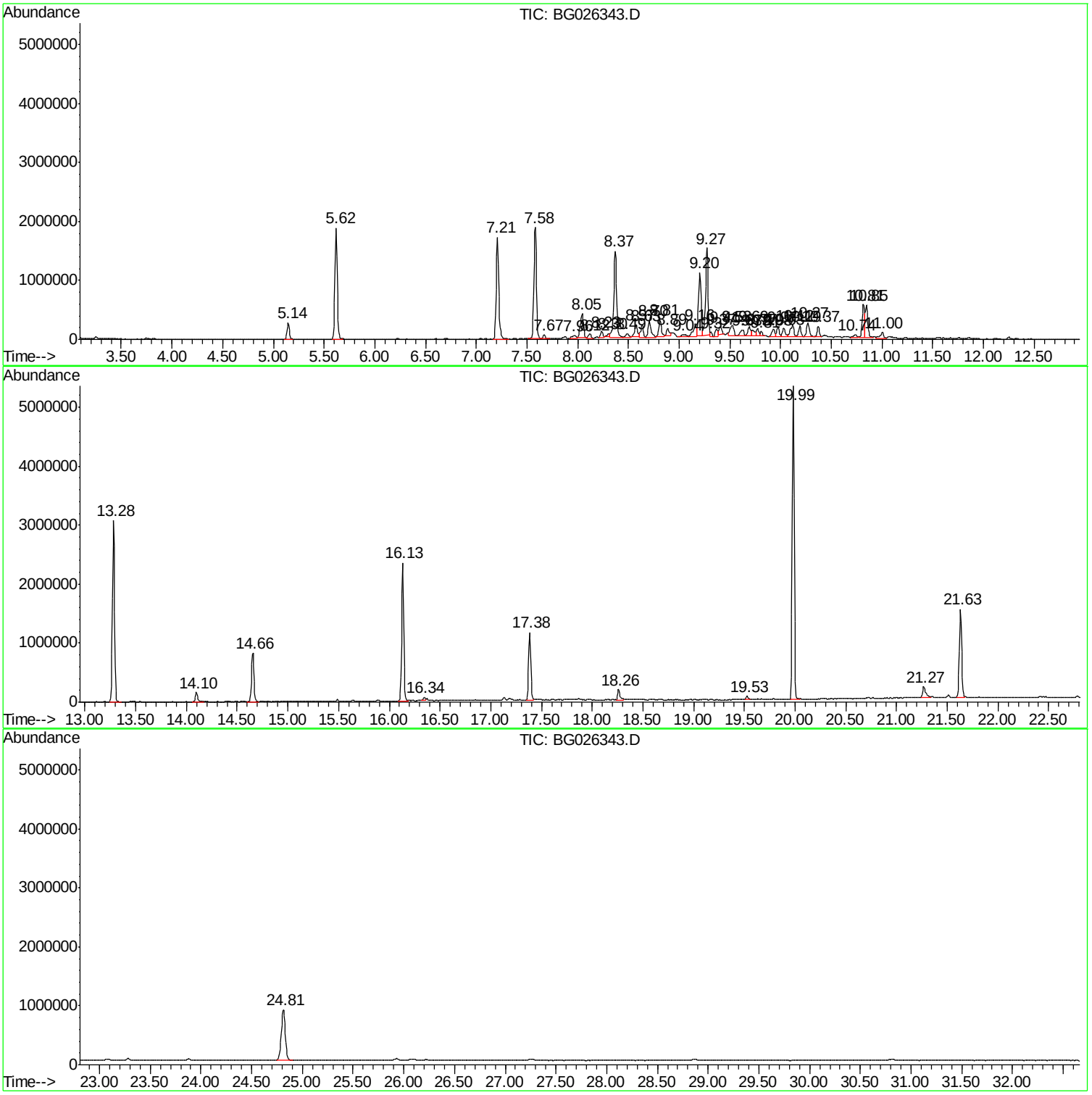
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S39-9003

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA G\DATA\BG032017\
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Acq On : 21 Mar 2017 1:39
Operator : SJ/MA
Sample : I2277-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032017.M
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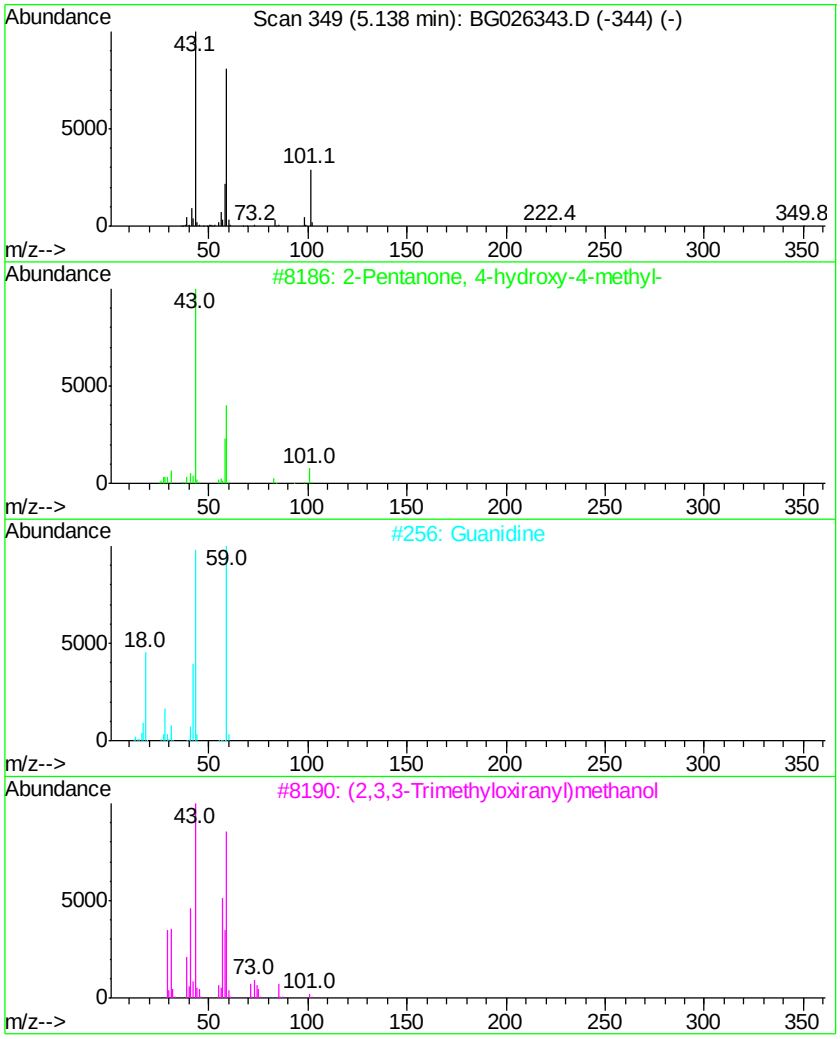
TIC Integration Parameters: LSCINT.P

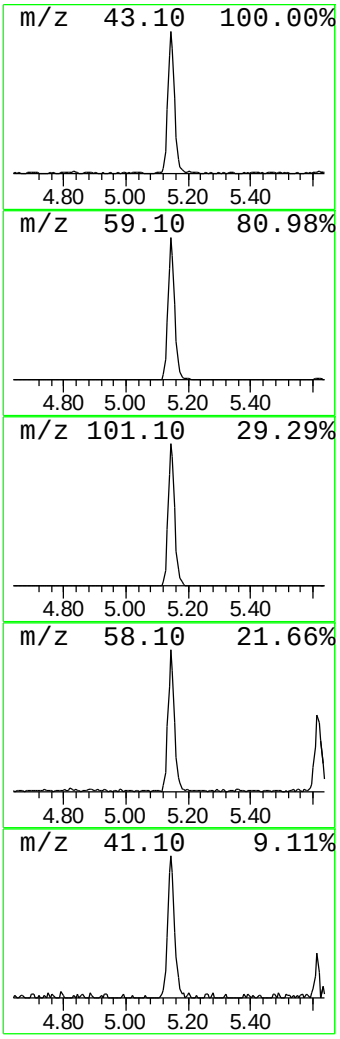
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.14	9.66 ng	419631	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Guanidine	59	CH5N3	000113-00-8	47
3	(2,3,3-Trimethyloxiranyl)methanol	116	C6H12O2	1000306-64-7	38
4	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032017\
Data File : BG026343.D
Acq On : 21 Mar 2017 1:39
Operator : SJ/MA
Sample : I2277-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S39-9003

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

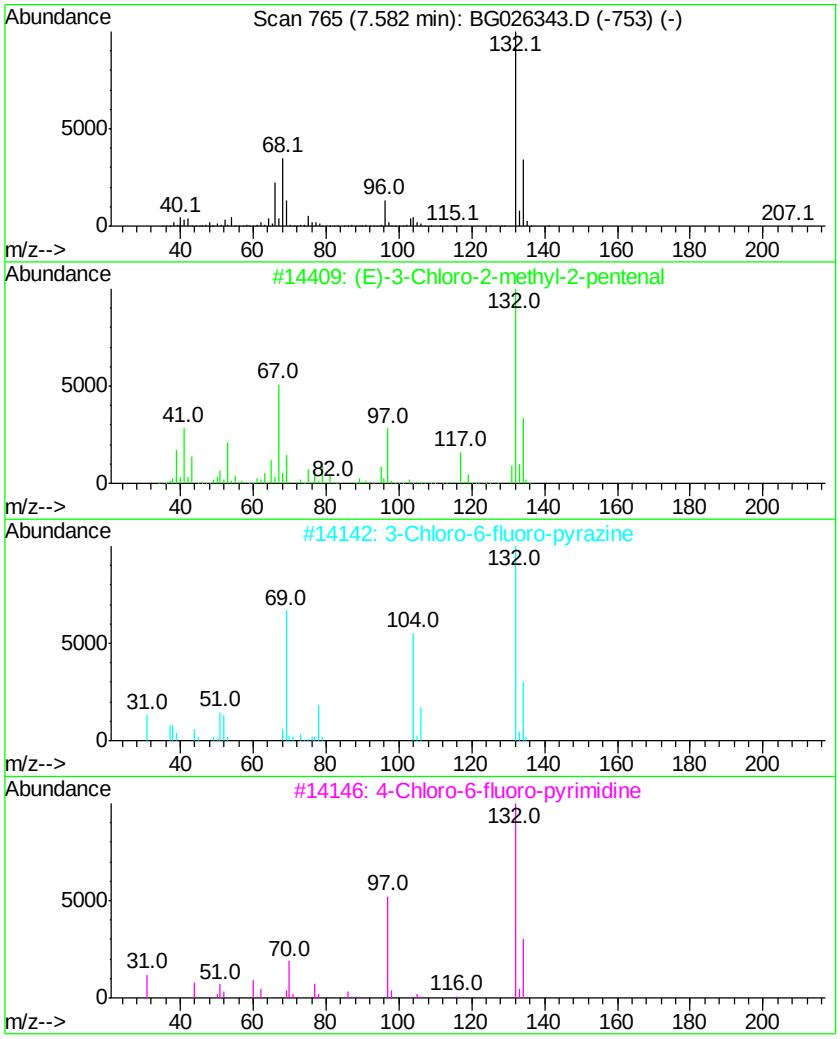
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

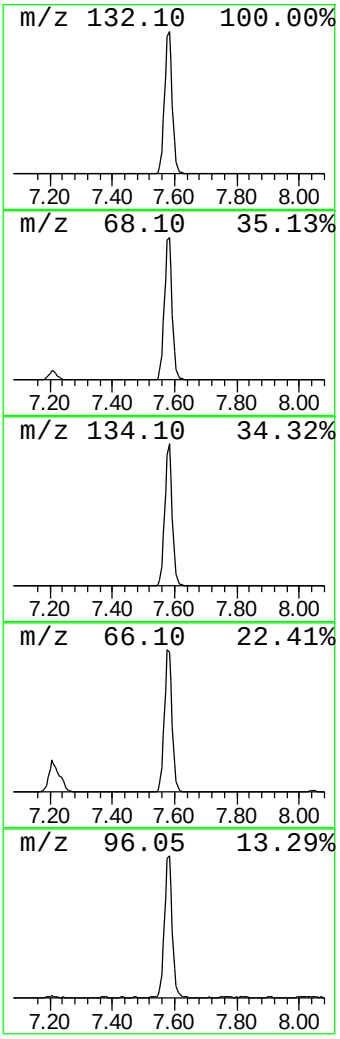
****

Peak Number 2 unknown7.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	75.77 ng	3290680	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
3	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG032017\
Data File : BG026343.D
Acq On : 21 Mar 2017 1:39
Operator : SJ/MA
Sample : I2277-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S39-9003

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

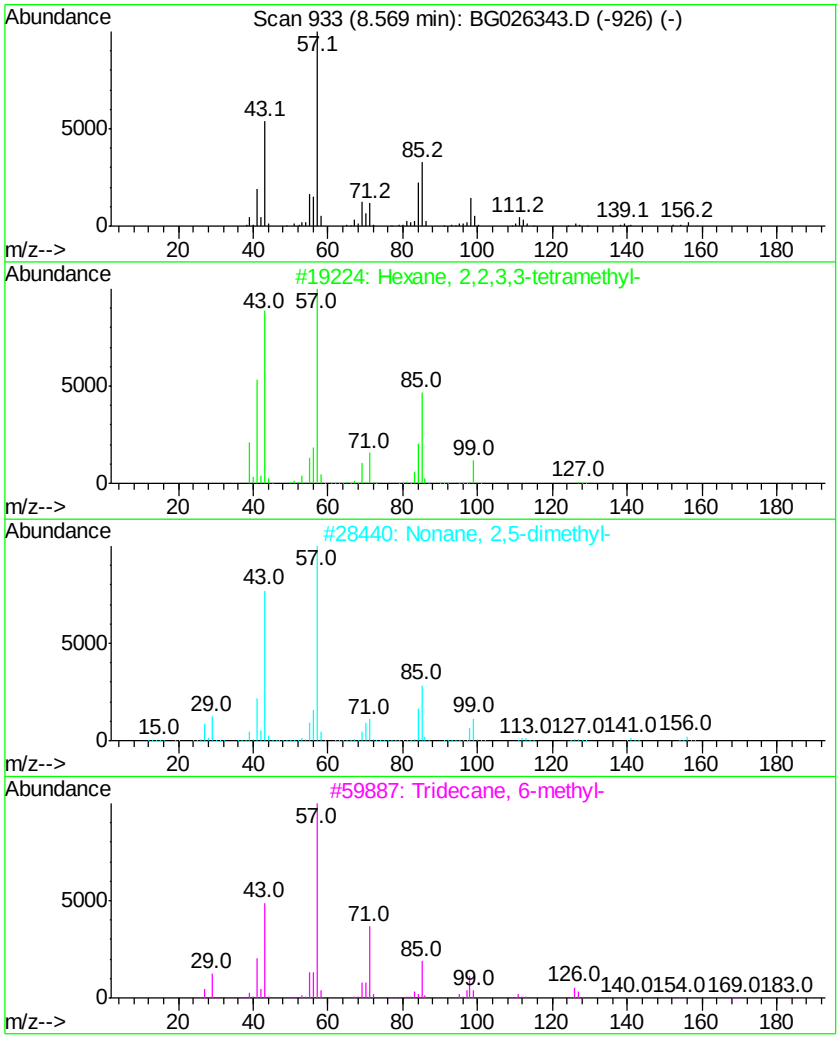
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

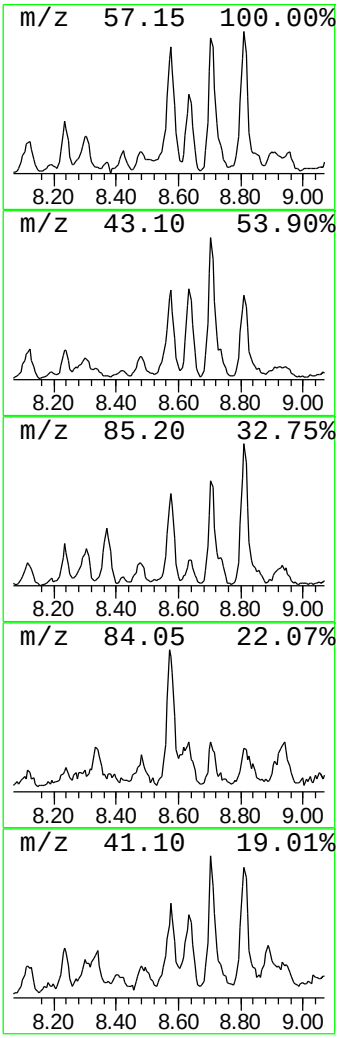
****

Peak Number 4 Hexane, 2,2,3,3-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.57	9.77 ng	424247	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2,3,3-tetramethyl-	142	C10H22	013475-81-5	59
2	Nonane, 2,5-dimethyl-	156	C11H24	017302-27-1	59
3	Tridecane, 6-methyl-	198	C14H30	013287-21-3	50
4	Heptane, 4-ethyl-	128	C9H20	002216-32-2	50
5	Hexadecane	226	C16H34	000544-76-3	47





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Sample : I2277-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S39-9003

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

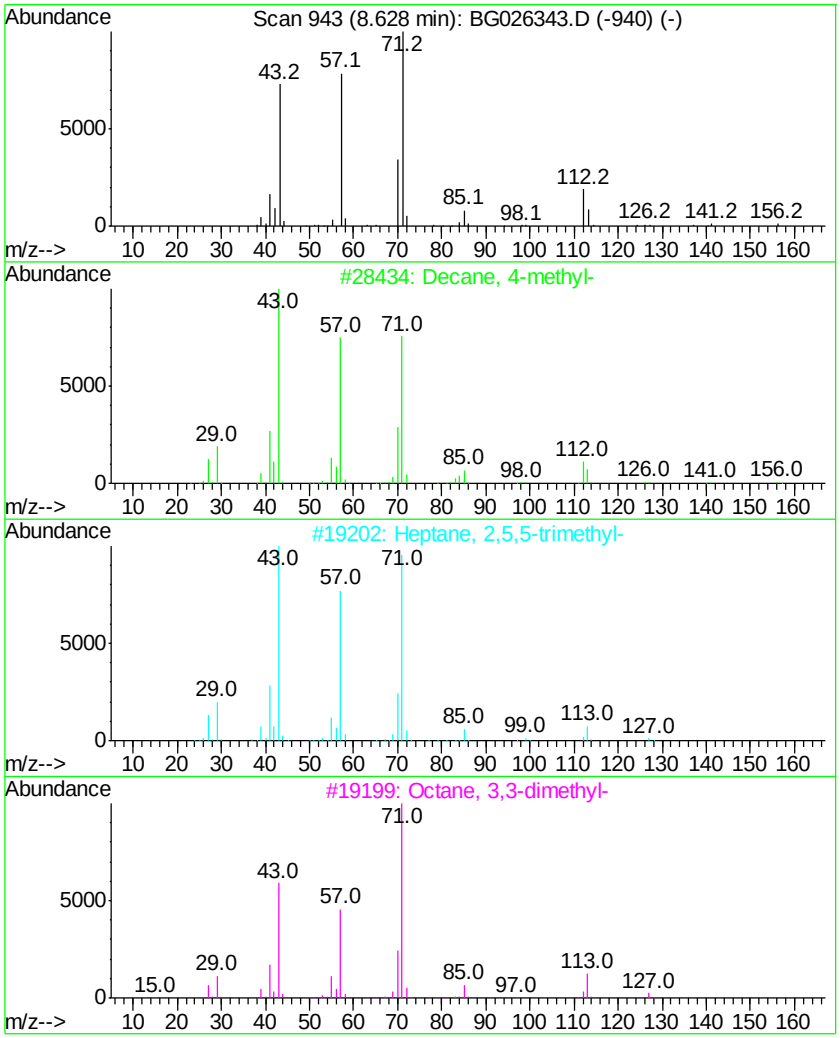
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

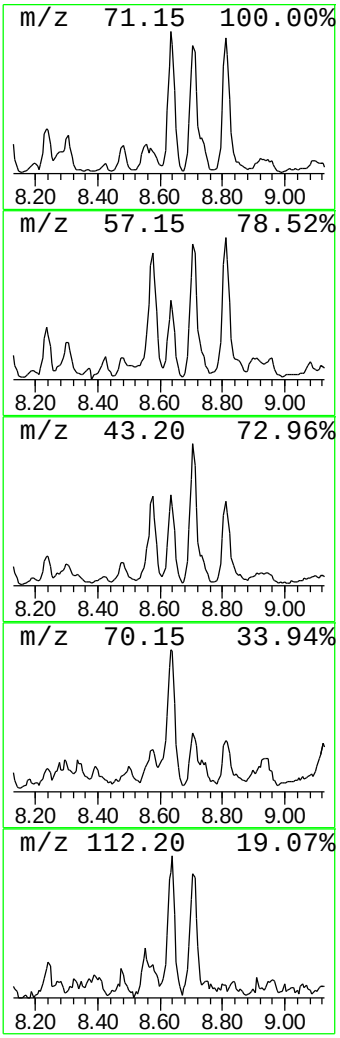
****

Peak Number 5 Decane, 4-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.63	7.63 ng	331331	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-	156	C11H24	002847-72-5	83
2	Heptane, 2,5,5-trimethyl-	142	C10H22	001189-99-7	78
3	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	72
4	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	72
5	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	64





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Acq On : 21 Mar 2017 1:39
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Sample : I2277-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S39-9003

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

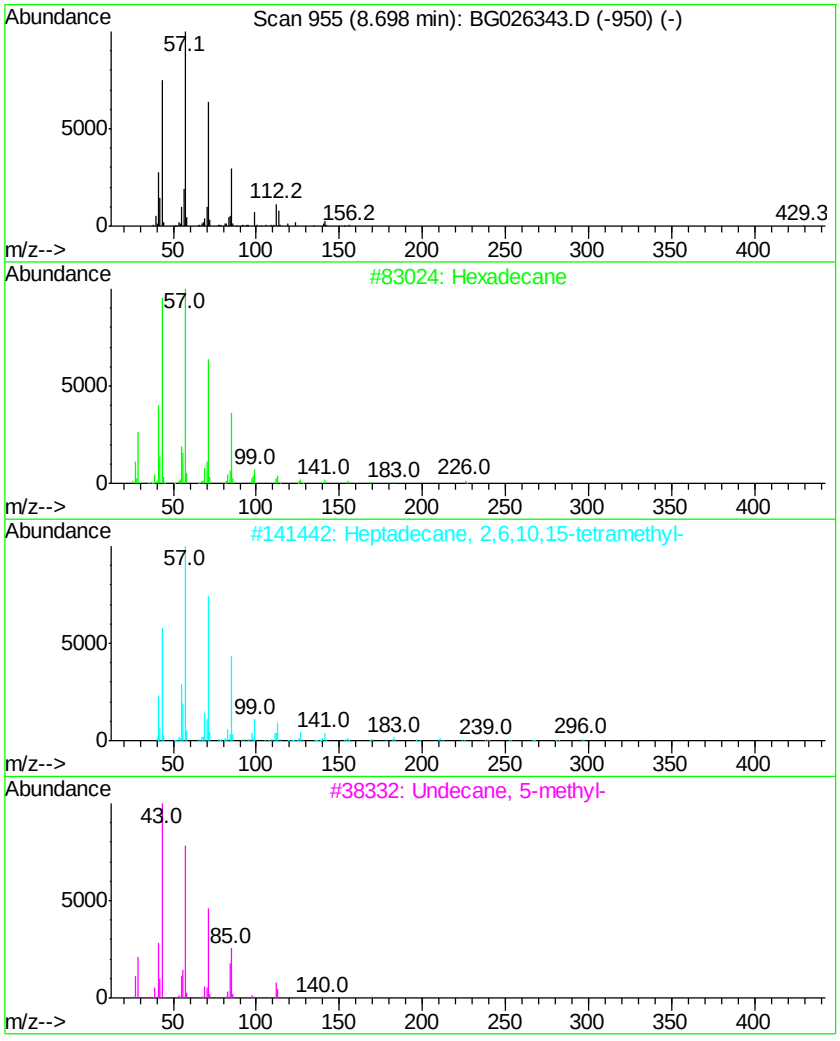
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

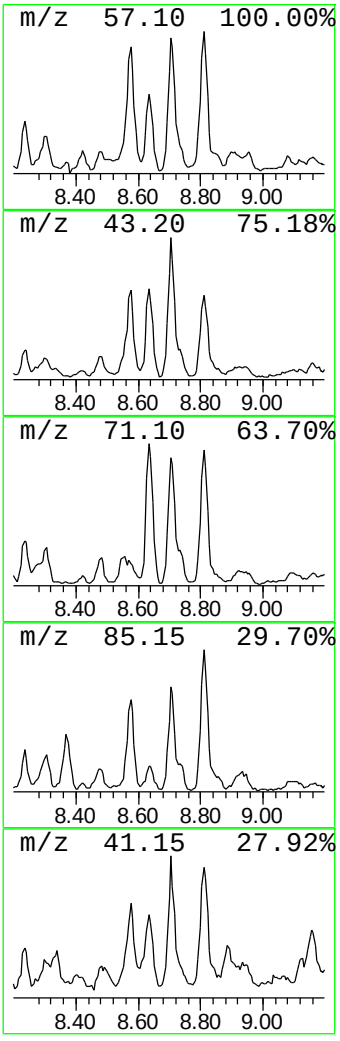
****

Peak Number 6 Hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	12.42 ng	539343	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	72
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
3	Undecane, 5-methyl-	170	C12H26	001632-70-8	72
4	Pentadecane	212	C15H32	000629-62-9	72
5	Tetratetracontane	619	C44H90	007098-22-8	72





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Sample : I2277-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S39-9003

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

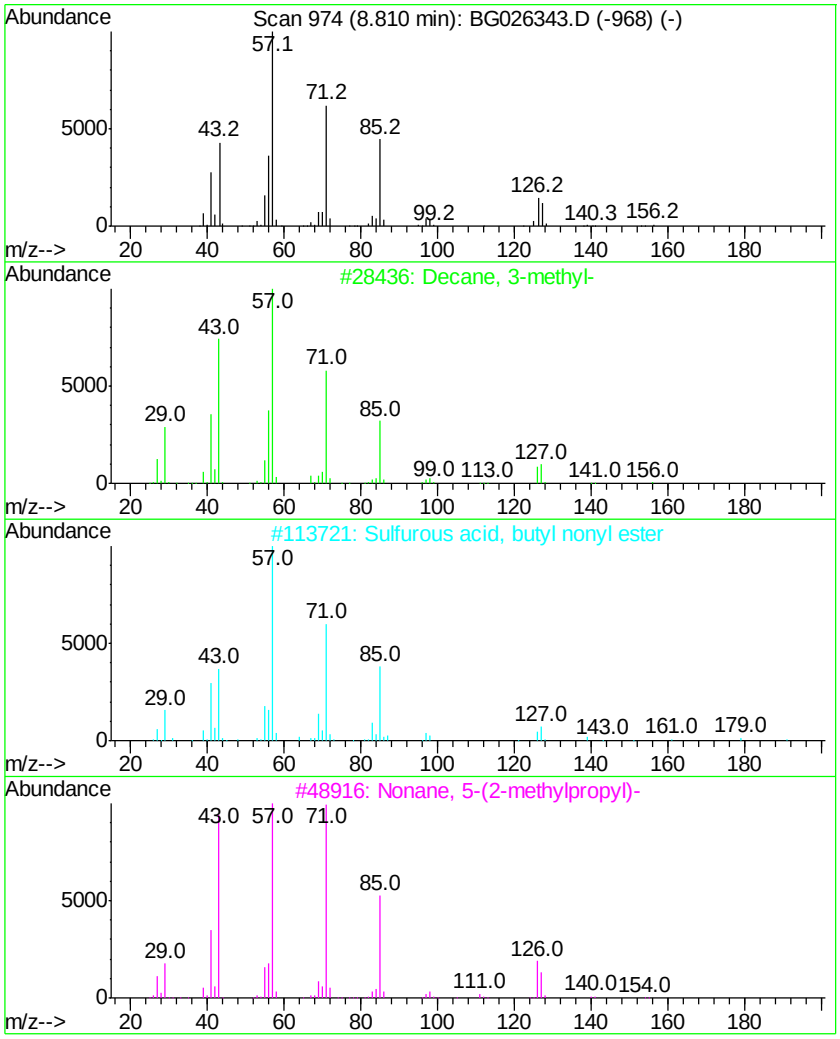
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

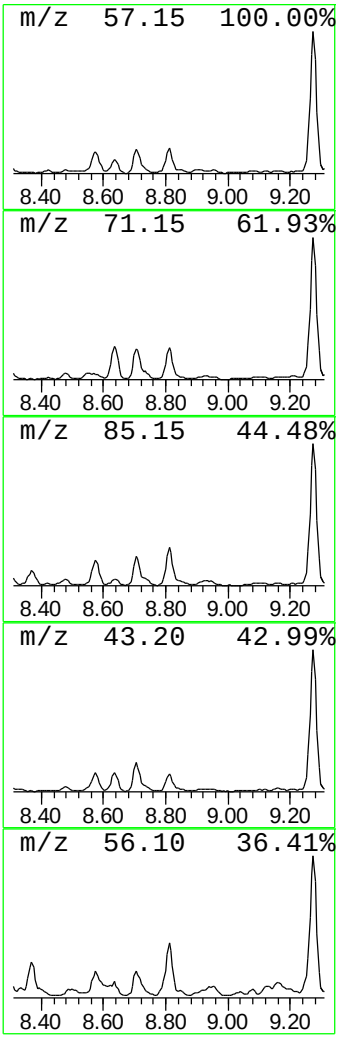
****

Peak Number 7 Decane, 3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.81	11.16 ng	484747	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-	156	C11H24	013151-34-3	94
2	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	72
3	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	72
4	Dodecane, 3-methyl-	184	C13H28	017312-57-1	72
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	64





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ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S39-9003

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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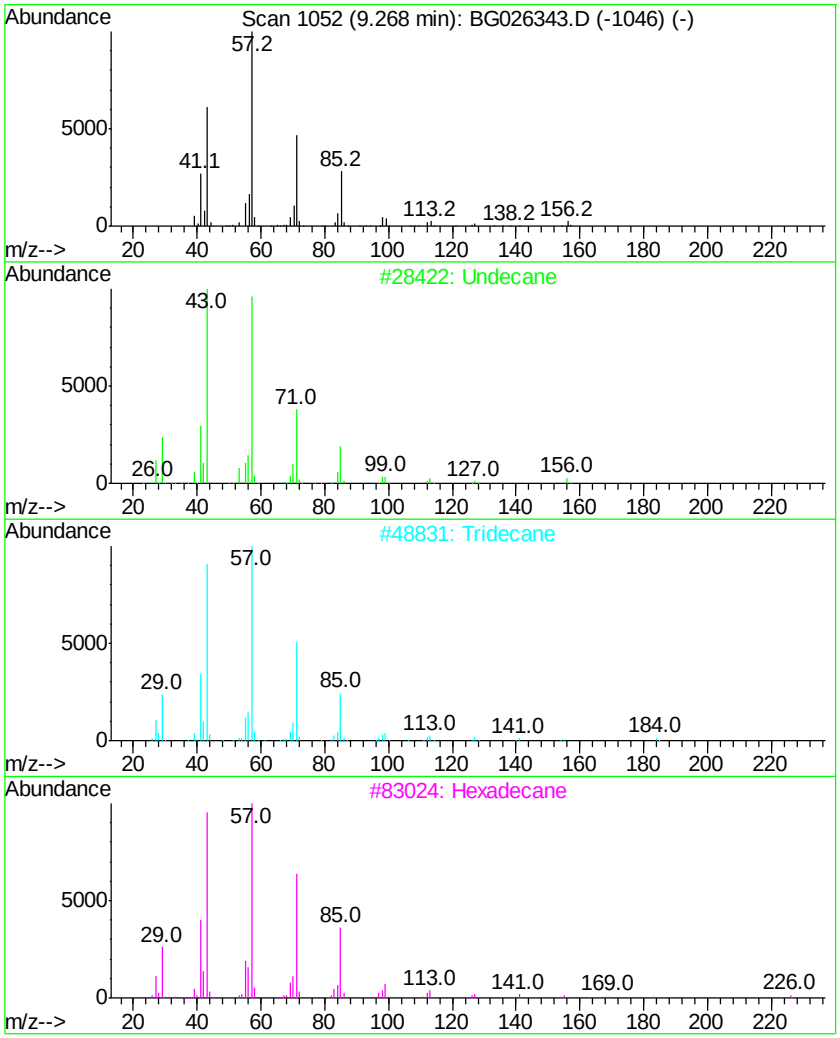
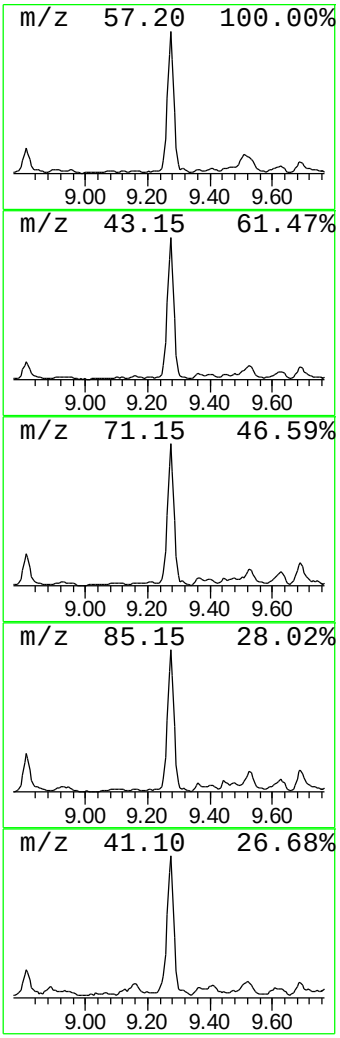
Peak Number 8 Undecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.27	54.36 ng	2360940	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	91
2	Tridecane	184	C13H28	000629-50-5	86
3	Hexadecane	226	C16H34	000544-76-3	72
4	Decane, 2,3,7-trimethyl-	184	C13H28	062238-13-5	64
5	Tetradecane	198	C14H30	000629-59-4	53





Data Path : Z:\HPCHEM1\BNA G\DATA\BG032017\
Data File : BG026343.D
Acq On : 21 Mar 2017 1:39
Operator : SJ/MA
Sample : I2277-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S39-9003

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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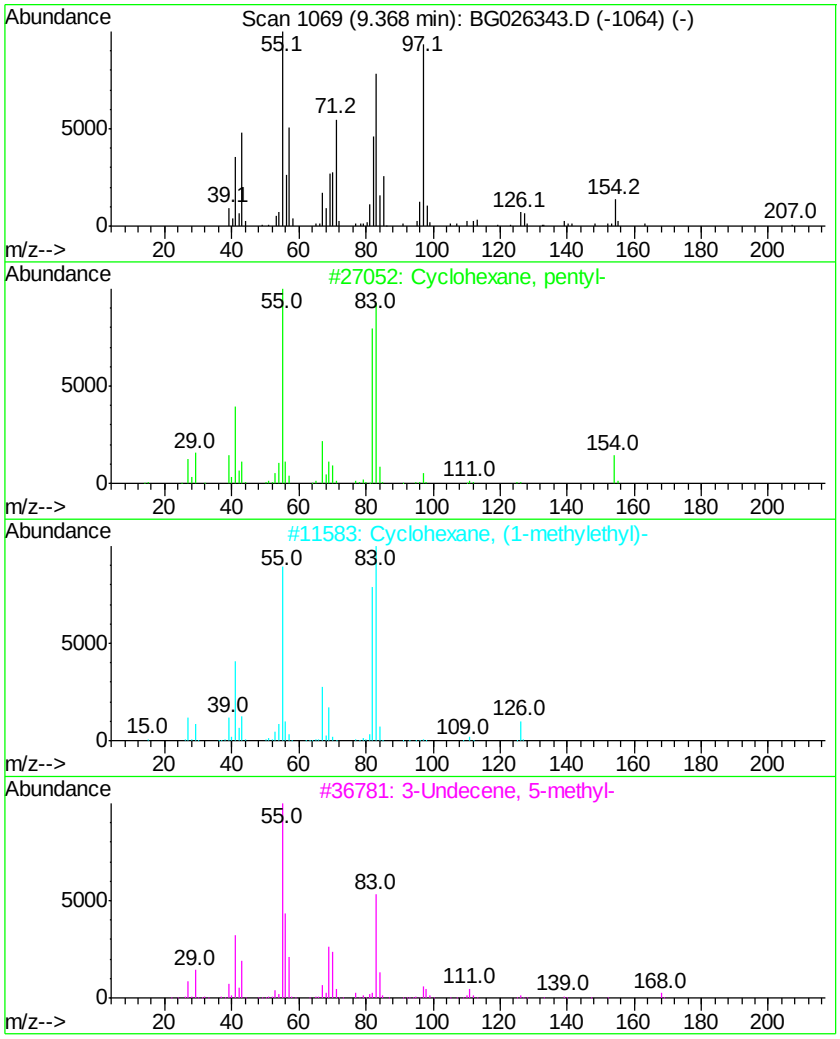
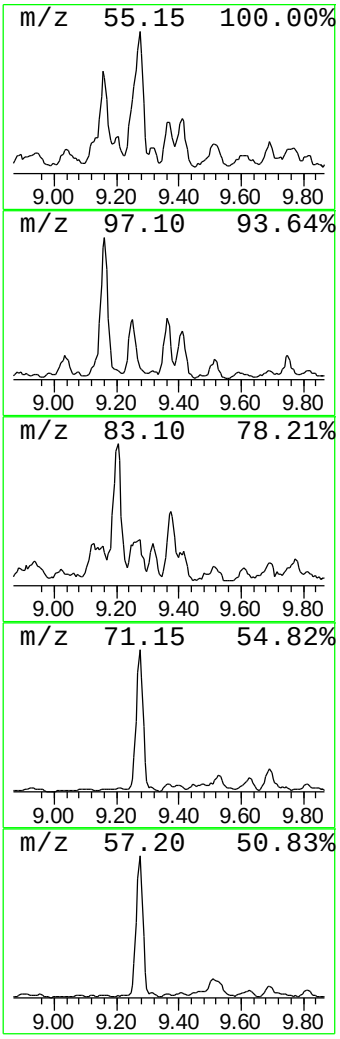
Peak Number 9 unknown9.37 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.37	5.99 ng	259999	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	35
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	30
3	3-Undecene, 5-methyl-	168	C12H24	1000061-84-1	27
4	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	27
5	Sulfurous acid, cyclohexylmethyl...	262	C13H26O3S	1000309-21-5	27





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Acq On : 21 Mar 2017 1:39
Operator : SJ/MA
Sample : I2277-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S39-9003

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

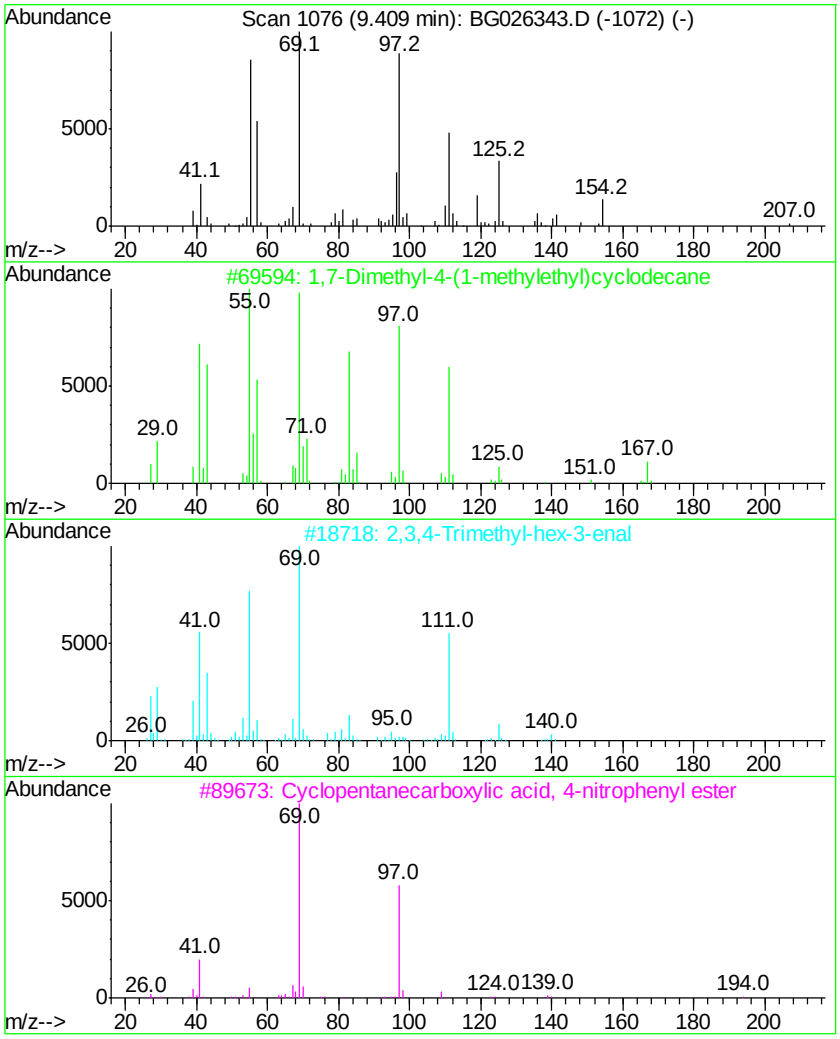
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

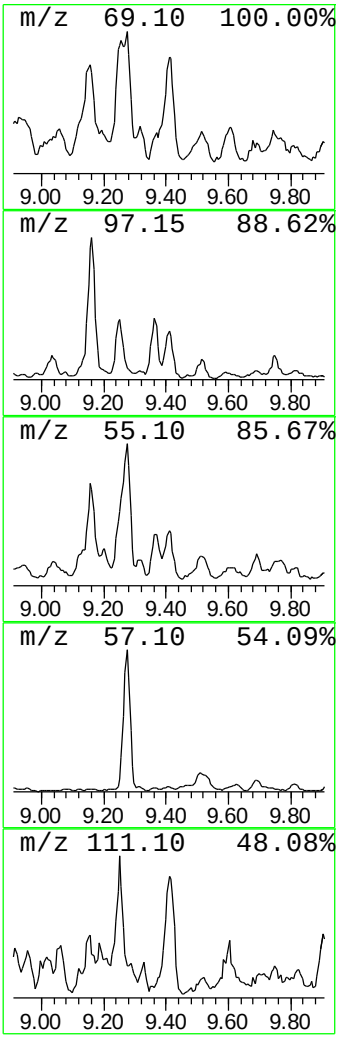
****

Peak Number 10 unknown9.41 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.41	5.24 ng	227627	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,7-Dimethyl-4-(1-methylethyl)cy...	210	C15H30	000645-10-3	47
2	2,3,4-Trimethyl-hex-3-enal	140	C9H16O	1000193-72-9	43
3	Cyclopentanecarboxylic acid, 4-n...	235	C12H13NO4	1000307-58-0	43
4	Cyclooctane, ethyl-	140	C10H20	013152-02-8	38
5	Cyclohexane, 1-ethyl-1,4-dimethy...	140	C10H20	062238-32-8	38





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Misc :
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Instrument : BNA_G
ClientSampleId : S39-9003

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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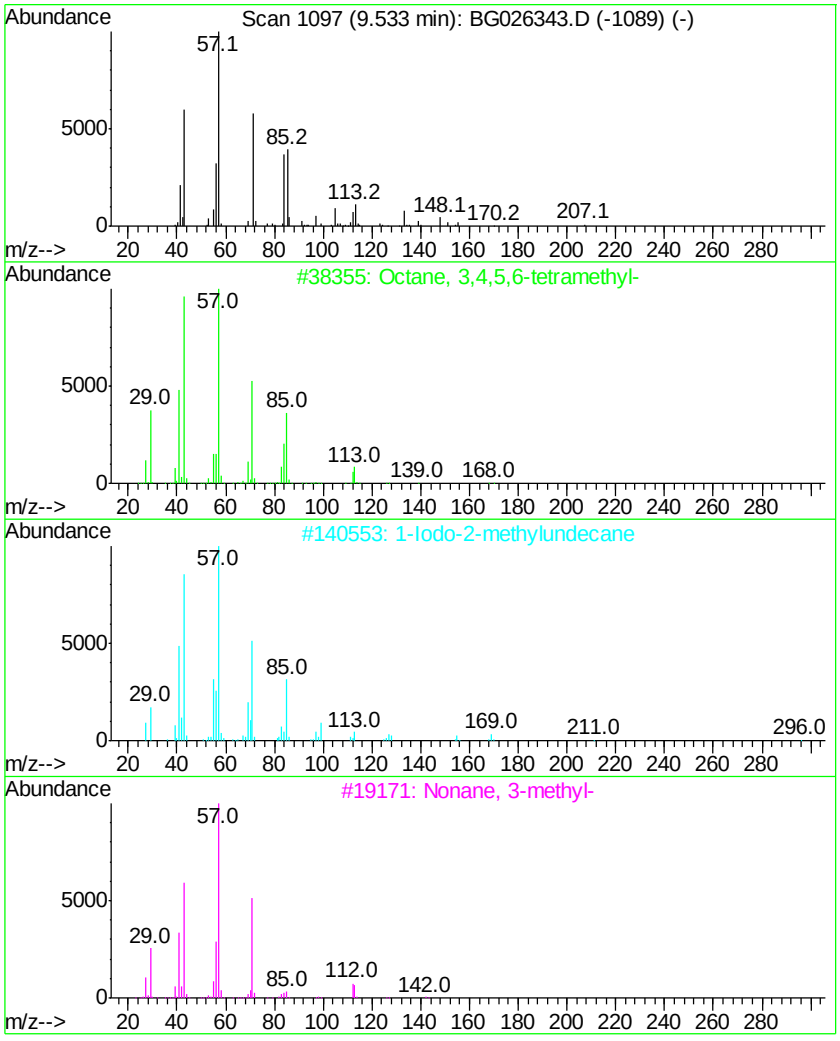
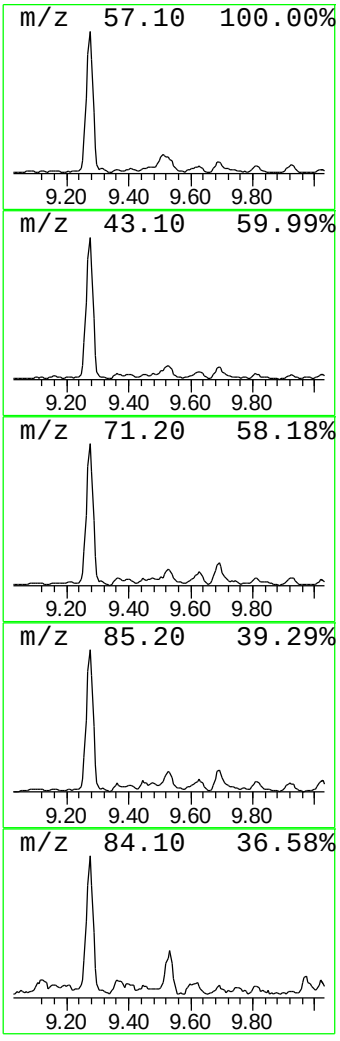
Peak Number 11 Octane, 3,4,5,6-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.53	9.51 ng	419779	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	64
2	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	59
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	53
4	Bacchotricuneatin c	342	C20H22O5	066563-30-2	52
5	1-Heptanol, 2-propyl-	158	C10H22O	010042-59-8	50





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Sample : I2277-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S39-9003

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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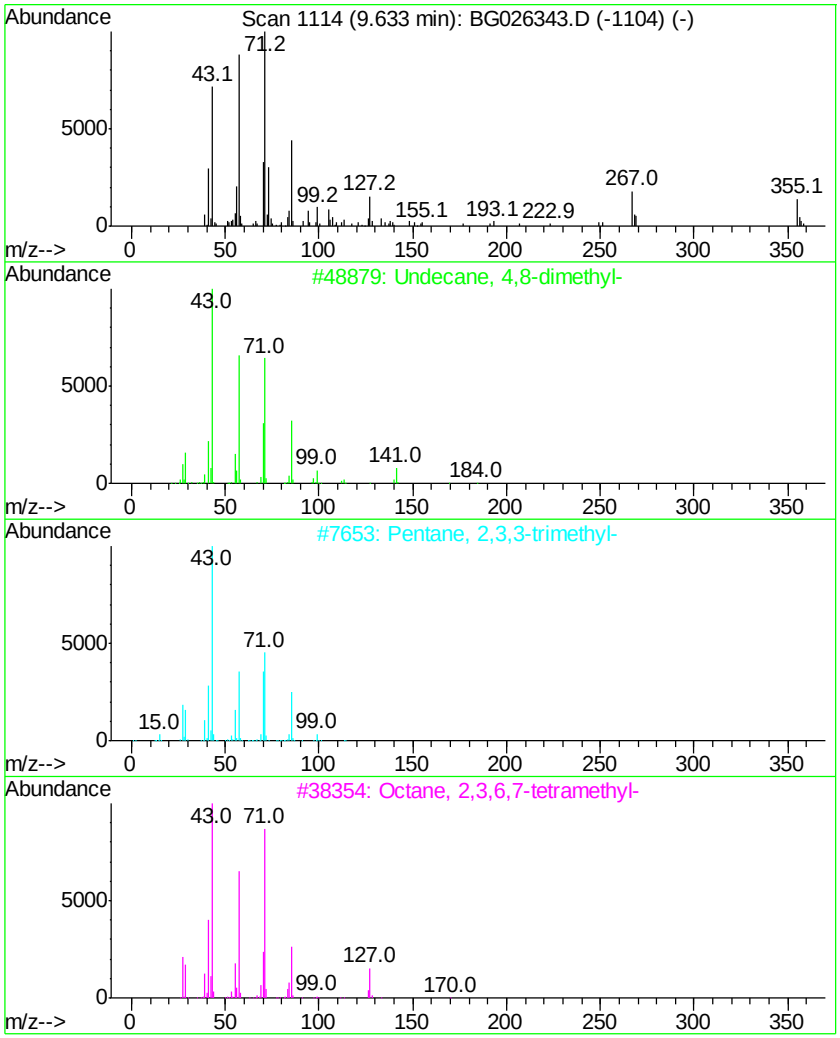
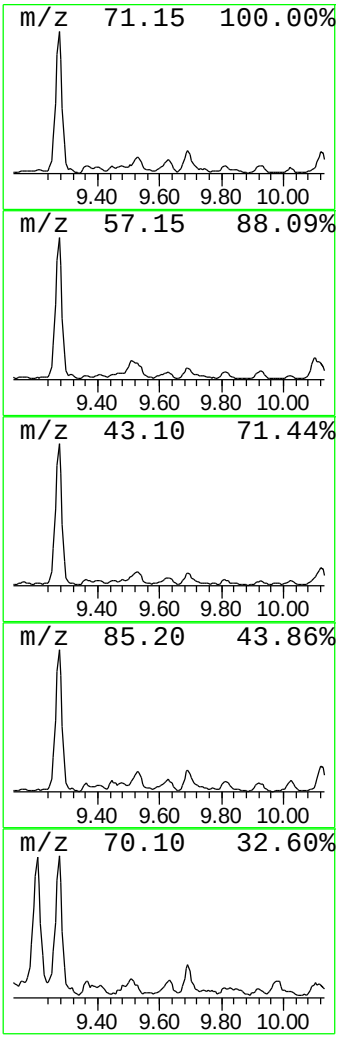
Peak Number 12 Undecane, 4,8-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.63	6.12 ng	270069	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	53
2	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	53
3	Octane, 2,3,6,7-tetramethyl-	170	C12H26	052670-34-5	47
4	Undecane, 2-methyl-	170	C12H26	007045-71-8	43
5	Decane, 2,8,8-trimethyl-	184	C13H28	1000060-81-2	38





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Acq On : 21 Mar 2017 1:39
Operator : SJ/MA
Sample : I2277-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S39-9003

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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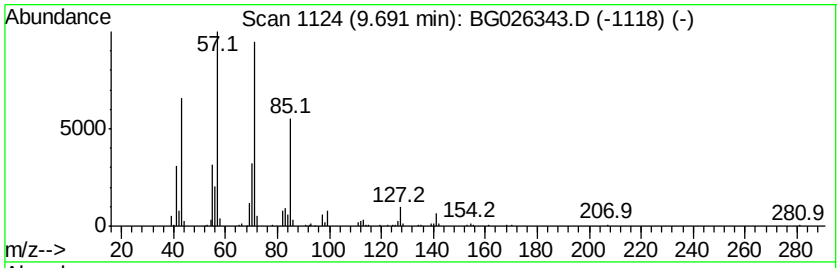
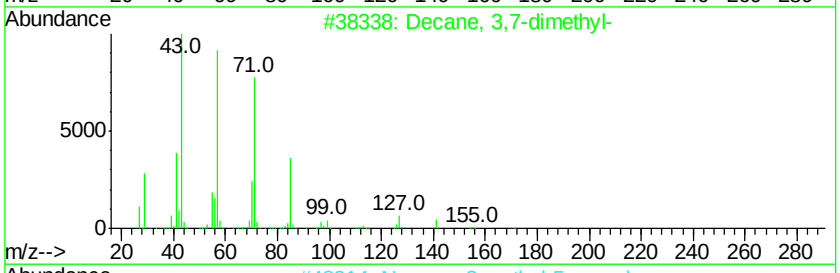
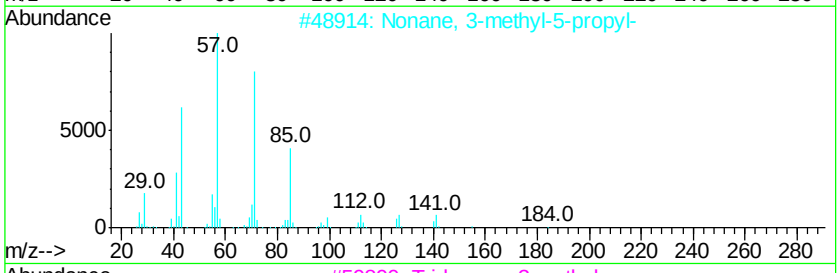
Peak Number 13 Decane, 3,7-dimethyl- Concentration Rank 15

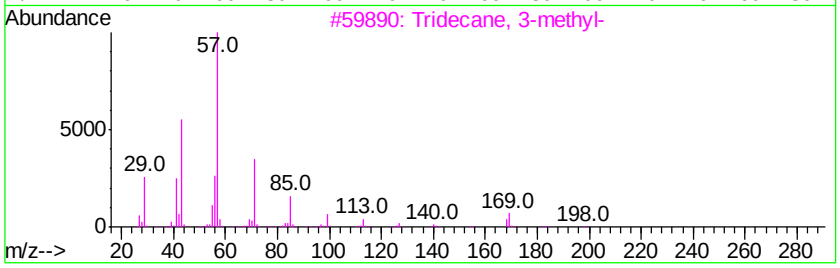
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.69	6.54 ng	288487	Naphthalene-d8	10.85

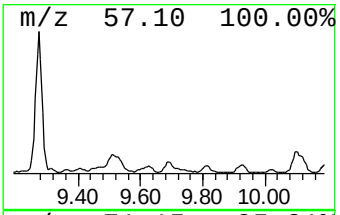
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	94
2	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	72
3	Tridecane, 3-methyl-	198	C14H30	006418-41-3	72
4	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	59
5	1-Octanol, 2,2-dimethyl-	158	C10H22O	002370-14-1	53

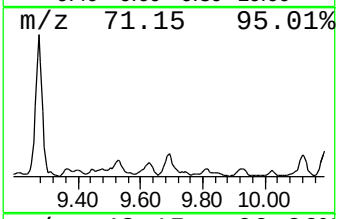


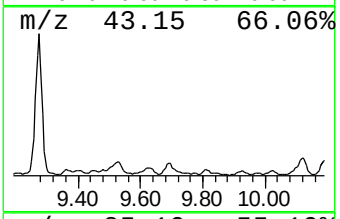


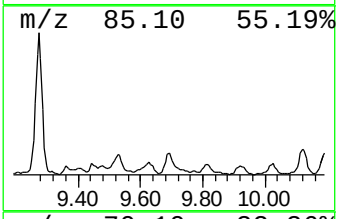


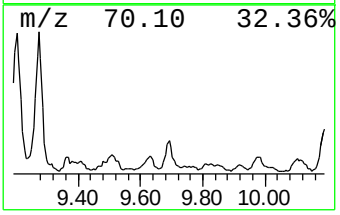












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Data File : BG026343.D
Acq On : 21 Mar 2017 1:39
Operator : SJ/MA
Sample : I2277-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S39-9003

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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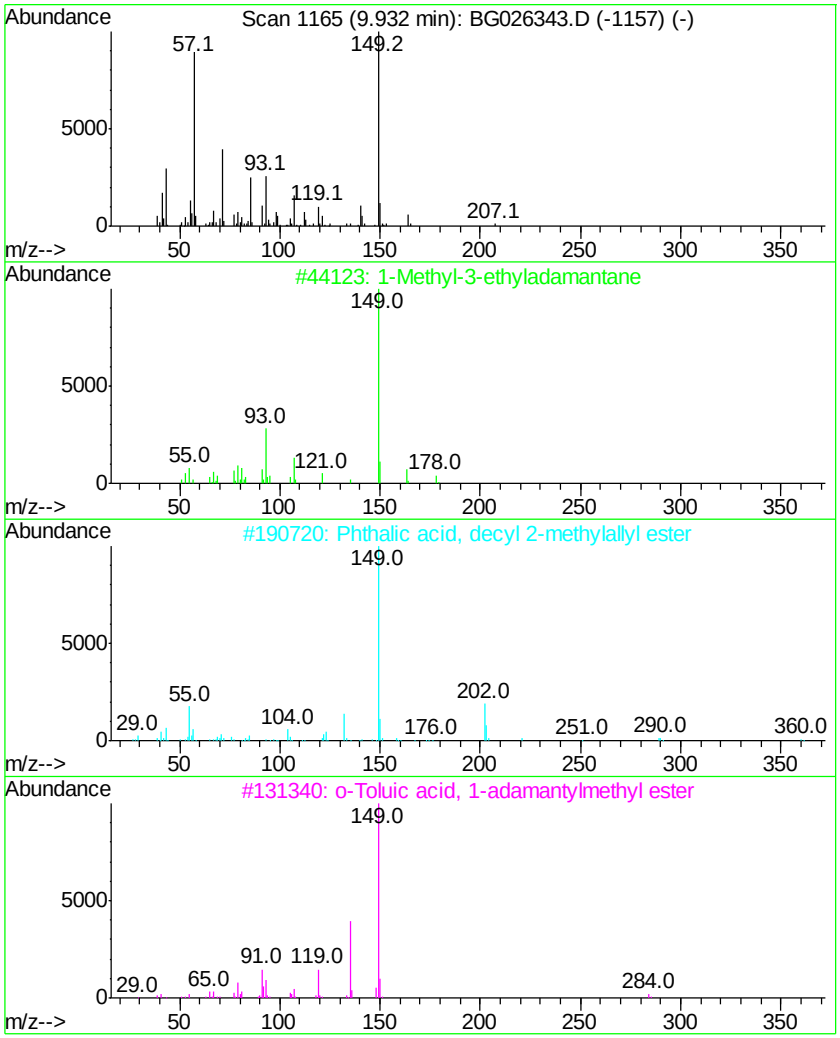
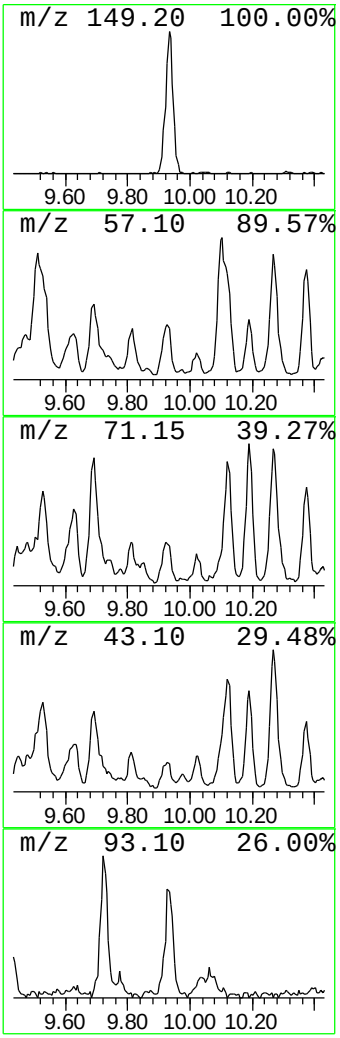
Peak Number 14 unknown9.93 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.93	5.98 ng	263758	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyl-3-ethyladamantane	178	C13H22	001687-34-9	38
2	Phthalic acid, decyl 2-methylall...	360	C22H32O4	1000315-83-0	37
3	o-Toluic acid, 1-adamantylmethyl...	284	C19H24O2	1000292-22-6	35
4	1,2-Benzenedicarboxylic acid, mo...	278	C16H22O4	004376-20-9	35
5	Phthalic acid, cyclohexyl ethyl ...	276	C16H20O4	1000315-33-3	27





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Sample : I2277-01
Misc :
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Instrument : BNA_G
ClientSampleId : S39-9003

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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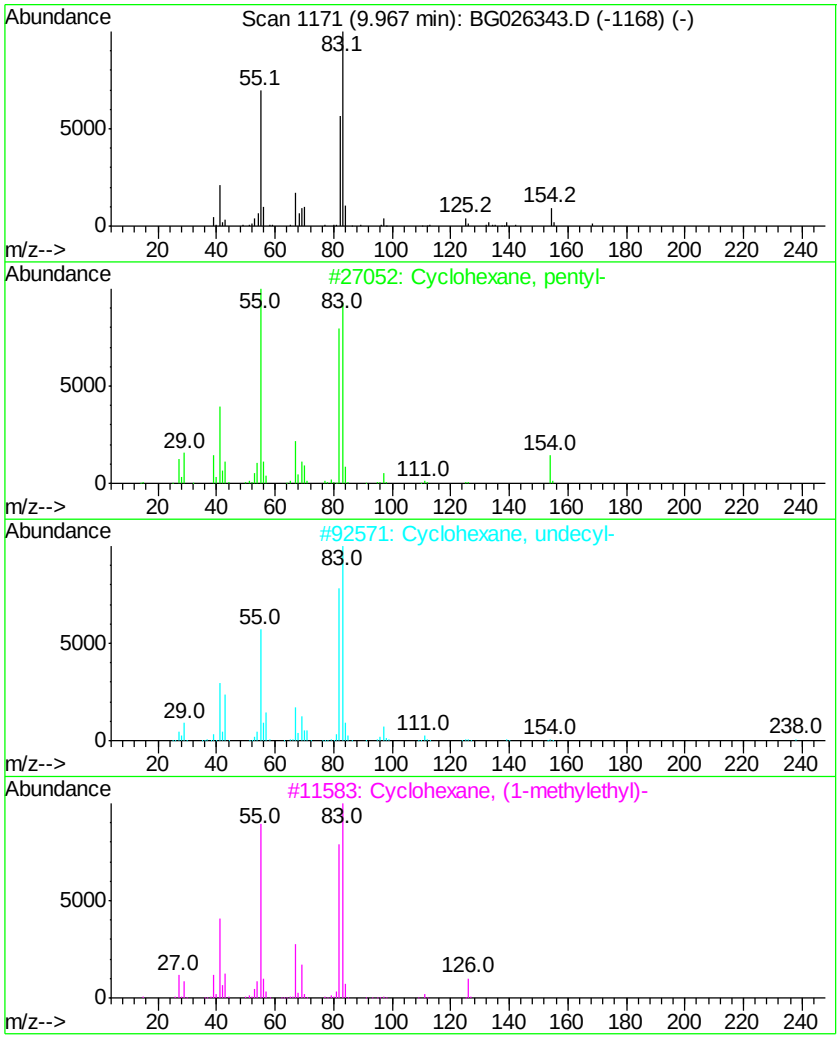
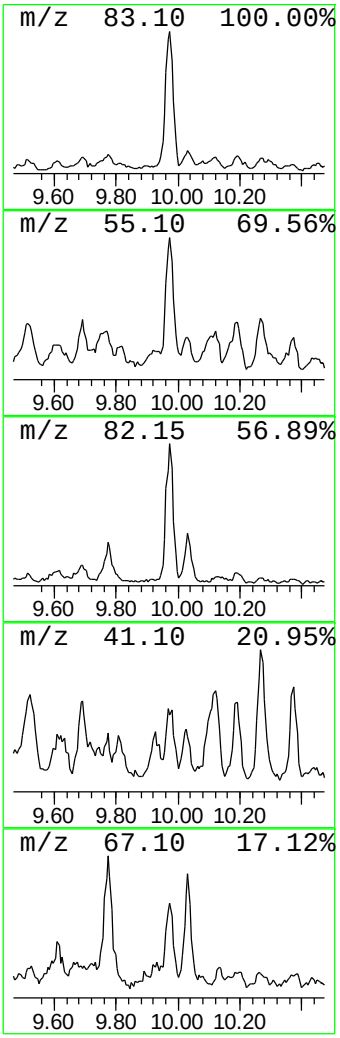
Peak Number 15 Cyclohexane, pentyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.97	6.69 ng	295118	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	90
2	Cyclohexane, undecyl-	238	C17H34	054105-66-7	72
3	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	68
4	Cyclohexane, butyl-	140	C10H20	001678-93-9	64
5	Cyclohexane, hexyl-	168	C12H24	004292-75-5	64





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TIC Library : C:\DATABASE\NIST11.L
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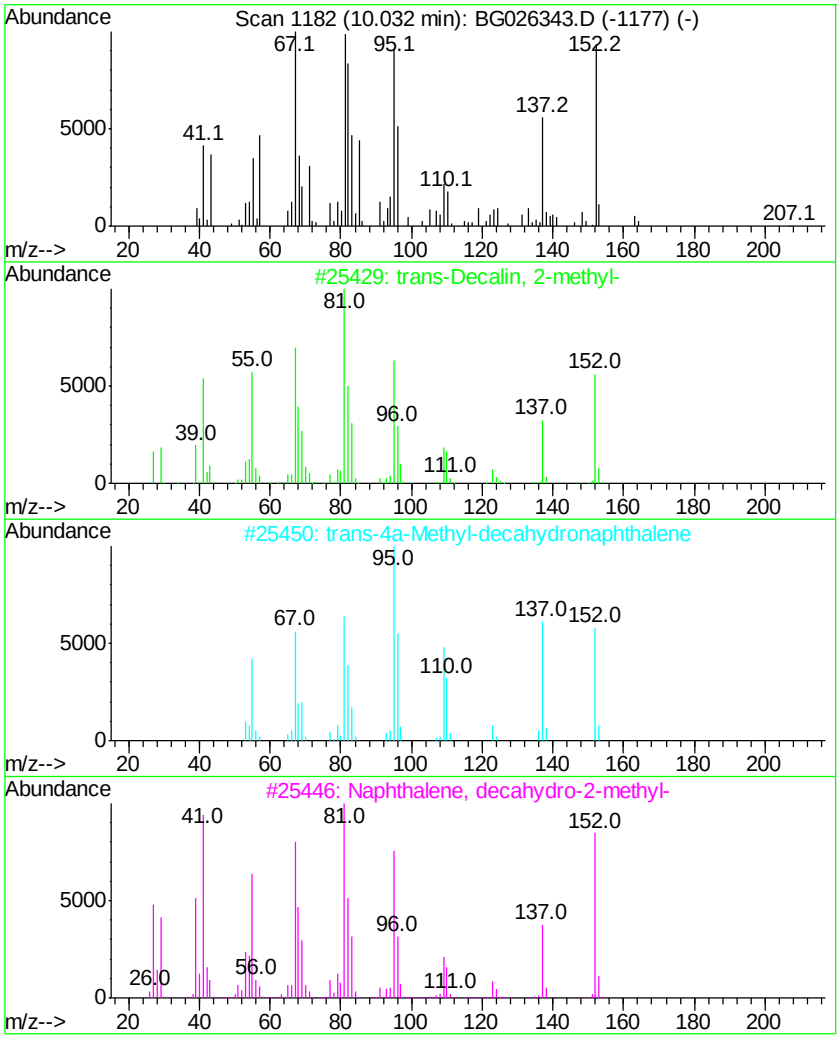
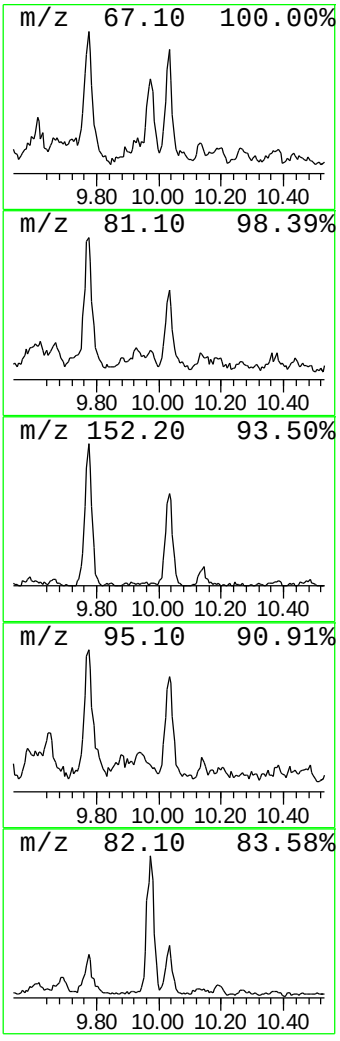
Peak Number 16 trans-Decalin, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.03	6.92 ng	305473	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	70
2	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	64
3	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	64
4	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	58
5	Cyclopentylcyclohexane	152	C11H20	001606-08-2	50





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ClientSampleId : S39-9003

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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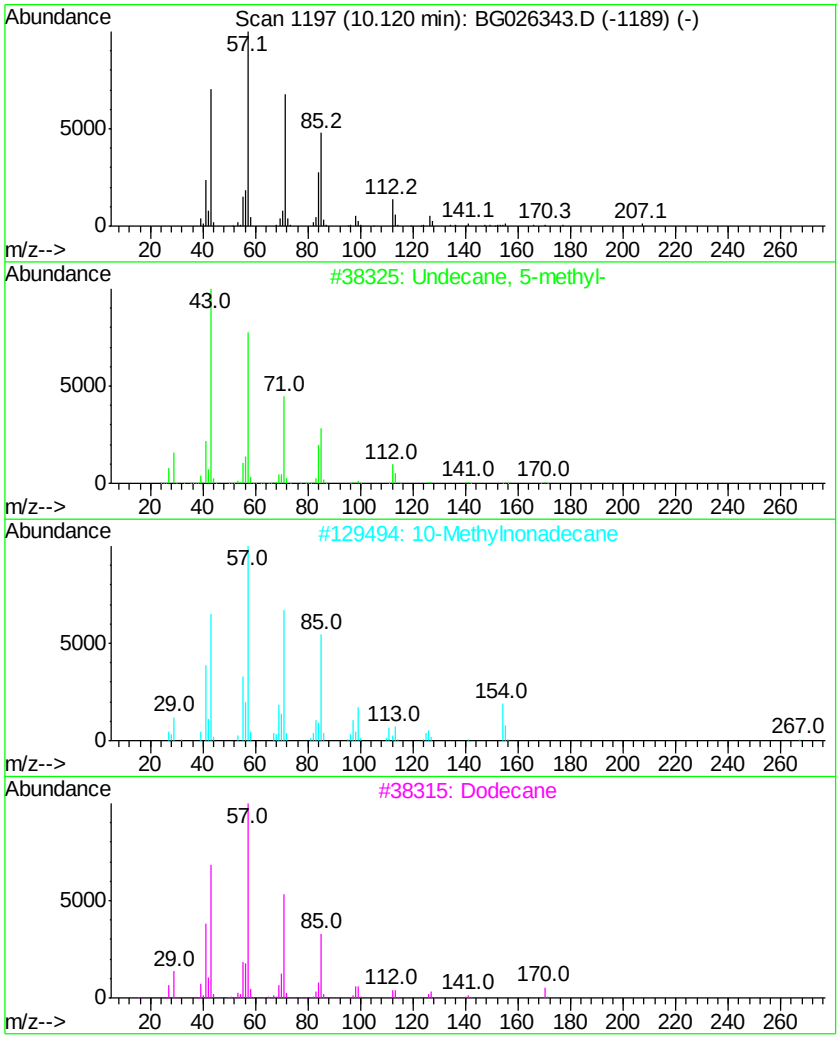
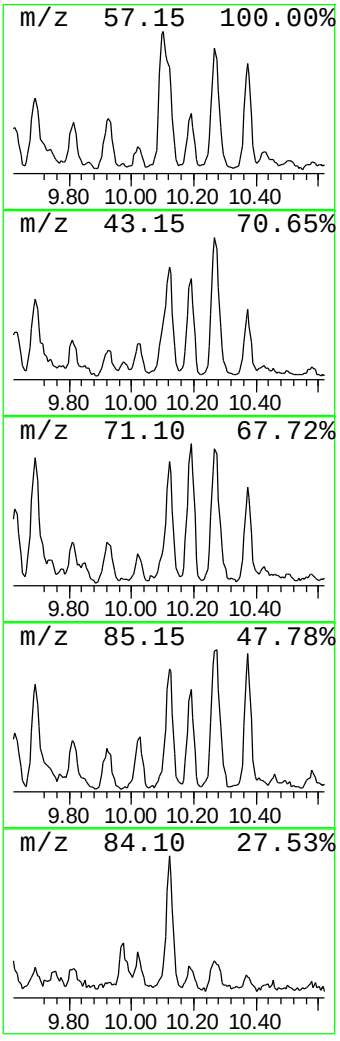
Peak Number 17 Undecane, 5-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.12	11.14 ng	491648	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5-methyl-	170	C12H26	001632-70-8	81
2	10-Methylnonadecane	282	C20H42	056862-62-5	64
3	Dodecane	170	C12H26	000112-40-3	64
4	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	64
5	Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	64





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ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S39-9003

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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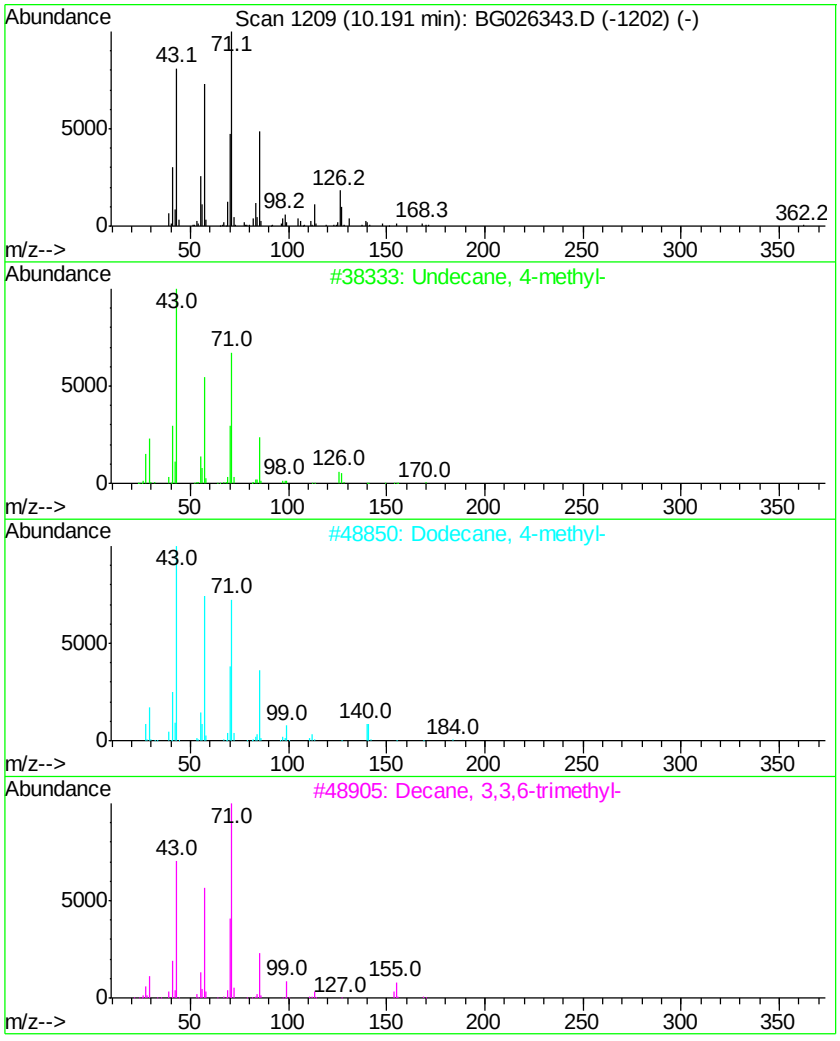
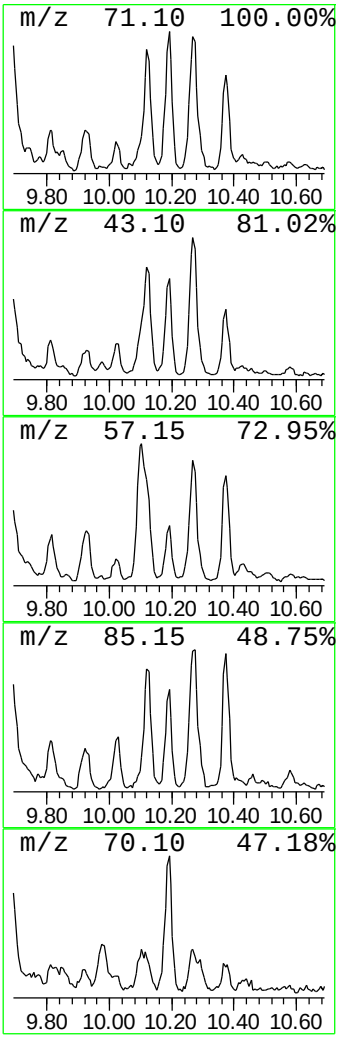
Peak Number 18 Undecane, 4-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.19	7.31 ng	322743	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 4-methyl-	170	C12H26	002980-69-0	86
2	Dodecane, 4-methyl-	184	C13H28	006117-97-1	64
3	Decane, 3,3,6-trimethyl-	184	C13H28	062338-14-1	53
4	Oxalic acid, 2-ethylhexyl pentyl...	272	C15H28O4	1000309-38-7	49
5	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	46





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Sample : I2277-01
Misc :
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Instrument : BNA_G
ClientSampleId : S39-9003

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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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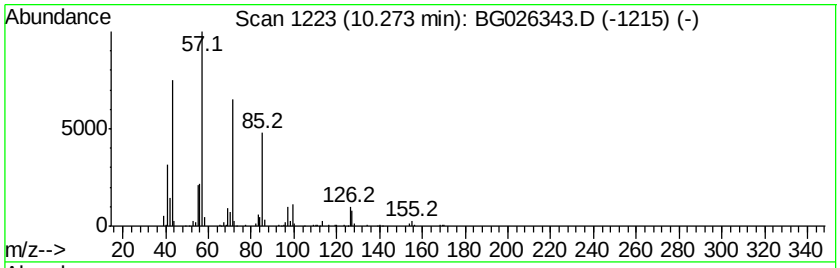
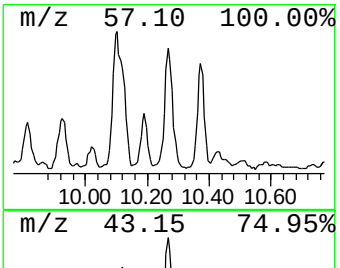
Peak Number 19 Undecane, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.27	10.66 ng	470575	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2-methyl-	170	C12H26	007045-71-8	87
2	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	80
3	Tetracosane	338	C24H50	000646-31-1	72
4	Undecane, 5-methyl-	170	C12H26	001632-70-8	72
5	Sulfurous acid, dodecyl 2-propyl...	292	C15H32O3S	1000309-12-3	64





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Acq On : 21 Mar 2017 1:39
Operator : SJ/MA
Sample : I2277-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S39-9003

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

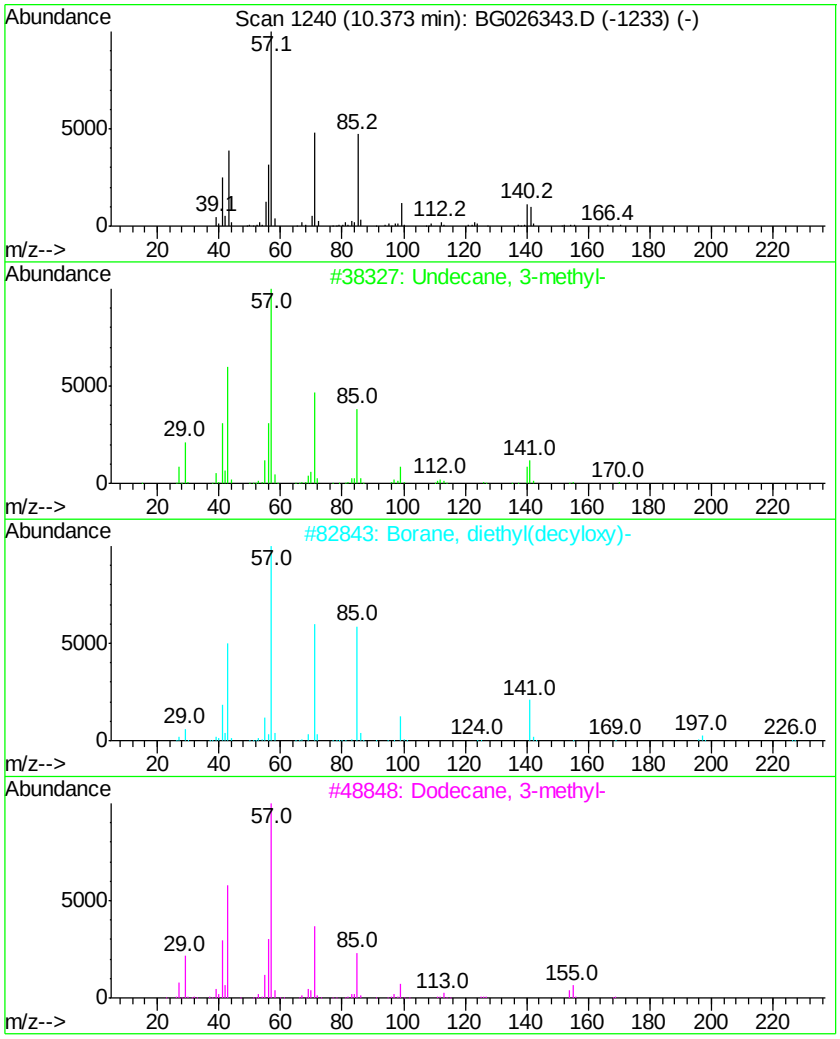
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

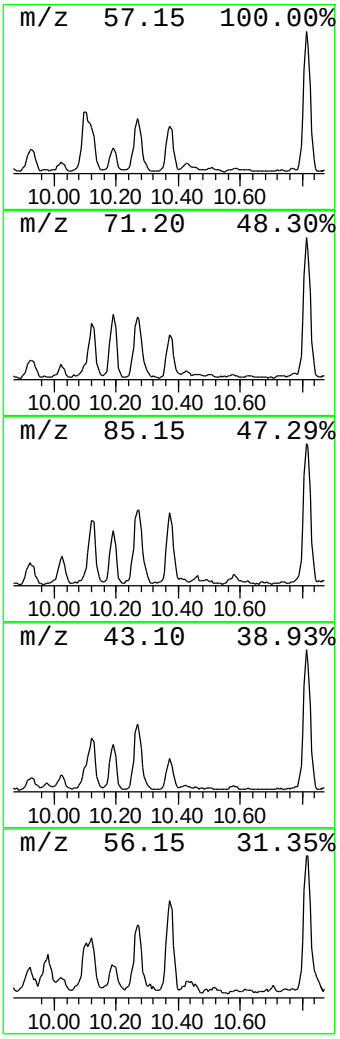
****

Peak Number 20 Undecane, 3-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.37	6.42 ng	283332	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3-methyl-	170	C12H26	001002-43-3	91
2	Borane, diethyl(decyloxy)-	226	C14H31BO	1000152-34-3	64
3	Dodecane, 3-methyl-	184	C13H28	017312-57-1	64
4	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	52
5	Tridecane, 3-methyl-	198	C14H30	006418-41-3	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032017\
Data File : BG026343.D
Acq On : 21 Mar 2017 1:39
Operator : SJ/MA
Sample : I2277-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S39-9003

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.14	9.7	ng	419631	1	8.05	868589	20.0
unknown7.58	7.58	75.8	ng	3290680	1	8.05	868589	20.0
Hexane, 2,2,3,3-t...	8.57	9.8	ng	424247	1	8.05	868589	20.0
Decane, 4-methyl-	8.63	7.6	ng	331331	1	8.05	868589	20.0
Hexadecane	8.70	12.4	ng	539343	1	8.05	868589	20.0
Decane, 3-methyl-	8.81	11.2	ng	484747	1	8.05	868589	20.0
Undecane	9.27	54.4	ng	2360940	1	8.05	868589	20.0
unknown9.37	9.37	6.0	ng	259999	1	8.05	868589	20.0
unknown9.41	9.41	5.2	ng	227627	1	8.05	868589	20.0
Octane, 3,4,5,6-t...	9.53	9.5	ng	419779	2	10.85	882760	20.0
Undecane, 4,8-dim...	9.63	6.1	ng	270069	2	10.85	882760	20.0
Decane, 3,7-dimet...	9.69	6.5	ng	288487	2	10.85	882760	20.0
unknown9.93	9.93	6.0	ng	263758	2	10.85	882760	20.0
Cyclohexane, pentyl-	9.97	6.7	ng	295118	2	10.85	882760	20.0
trans-Decalin, 2-...	10.03	6.9	ng	305473	2	10.85	882760	20.0
Undecane, 5-methyl-	10.12	11.1	ng	491648	2	10.85	882760	20.0
Undecane, 4-methyl-	10.19	7.3	ng	322743	2	10.85	882760	20.0
Undecane, 2-methyl-	10.27	10.7	ng	470575	2	10.85	882760	20.0
Undecane, 3-methyl-	10.37	6.4	ng	283332	2	10.85	882760	20.0